SURYA ROSHNI LTD.
(Lighting Division)
Padma Tower – I,
Rajendra Place, New Delhi – 110008.

SURYA

TYPE TEST CERTIFICATE

Date: 20/12/14

Product Code: SUL 25 SV/MH POT CA WG/IP66 04

Product: Street light suitable for 250W SV/MH lamp, 240V, 50Hz, AC supply.

Brand Name: SURYA **Quantity:800 Nos**

Customer: Sree Venteshwara Electrical, Banglore

Document references: IS: 10322(Pt.5/Sec.3)-1987 & TDS

1.	Visual Examination	Shall not reveal any damage to external finish & workmanship	Satisfactory
	a. Marking	Shall be clear and legible	Satisfactory
	b. Construction	Pressure die-cast Al. housing, powder coated, Pot optic, EPDM rubber gasket, clear toughened glass, E40 ceramic holder, 250W Cu. wound ballast,3 wire pulse ignitor and 33 mfd capacitor.	Satisfactory
	c. Internal wiring	Shall be of 1 sq.mm	Satisfactory
	d. Screws & connections	Shall withstood an applied torque of 8Nm for five times.	Satisfactory
2.	Protection against electric Shock	Test finger shall not come into contact with any live parts	Satisfactory
3.	Mechanical strength	Shall not show any damage	Satisfactory
4.	Endurance	No parts shall be damaged, unserviceable and unsafe. The marking shall be legible and the luminaire shall perform normally after the test.	Satisfactory
5.	Thermal Test	Temp. shall be within the specified limits, Winding of ballast < 130°C, Ignitor case < 85°C, Supporting surface < 70°C, Capacitor case < 85°C	Satisfactory

SURYA ROSHNI LIMITED BANGALORE

6. Resistance to dust and Moisture	Compliance with the requirement of the standard	Satisfactory
a. Test for ingress , Of dust and Moisture (IP66)	There shall be no ingress of dust and no harmful quantity of water accumulation.	Satisfactory
b. Humidity Test	There shall not show any appreciable damage & Insulation shall be adequate $\geq$ 2MΩ	Satisfactory
7. Insulation Resistance(Dry)	Shall be $\geq$ 2MΩ on application of 500V DC	Satisfactory
8. Electric strength test	Shall withstood a voltage of 1.5KV for 1 Min.	Satisfactory
9. Resistance to heat, fire & Tracking	On plastic materials only	Satisfactory
a. Resistance to heat	The diameter of impression shall not be > 2mm	Satisfactory
b. Resistance to flame & Ignition	The sample under test and any gas produced during the test shall not be ignited	Satisfactory
10. Creepage distance and Clearance	Shall be $\geq$ 3mm and $\geq$ 6mm	Satisfactory
11. Leakage current	< 1.0 mA	Satisfactory
12. Earth contact Resistance	< 0.5 Ω	Satisfactory
13. Photometric efficiency	74%	

Certificate issued by

RANJIT LAL
AGM-Technology

SURYA ROSHNI LIMITED BANGALORE

[redacted]

WORKS :
Plot no - 6,Site - 4,Sahibabad Industrial Area,
Sahibabad,Havells India Ltd

TEST CERTIFICATE

DATE:	13/6/2014

PRODUCT	AC CONTACTOR WITH 4P
APPLICABLE STANDARD	IEC:60947-4-1 ,IS :13947-4-1
CUSTOMER NAME	M/s. Santha Electricals , Bangalore
INVOICE NO	5312005560 & 5311054979

S. NO.	DESCRIPTION	ITEM CODE	QTY
1	4 pole CONTACTOR AC-1, 125 A	IHPAC095600H	90

S. NO.	Test	Parameter	Observation
1	Pick Up Voltage	< 80% of the rated Voltage	With in Limit
2	Drop Off Voltage	> 30% of the Rated Voltage	With in Limit
3	Coil Consumption	<20VA at Rated Voltage	With in Limit
4	HV Test	2.5KV For 1 Sec Between Poles at ON position Across the pole at OFF Position Between Poles & Body	Withstood

Inspected By:
QA ENGINEER Ashish Rastogi

Approved By:
QA HEAD Neeraj Mittal

HAVELLS

HAVELLS INDIA LTD
Corporate Office:2-D,Sector-126,Express Way,Noida.UP(India).Tel:+91-120-4771000.Fax,+91-120-4772000 E-mail;marketing@havells.com.
Registered Office ; 1, Raj Narain Marg , Civil Lines , Delhi-110054 (India)

TIN : 29711103821

Delivery Address :

Work site at:

Ph:9845695444

Despatched through | Destination

Sl No.	Description of goods	Quantity	Rate	per	Amount
1	HUL 25 SV/MH POT CA WG/IP66 04 With Choke and Lamp	50	2336	No	116,800
	SUB TOTAL =				116,800
	output vat @ 14.5%				16,936
	GRAND TOTAL				133,736

Amount Chargeable (in words) : One Lackh Thirty Three Thousand Seven Hundred Thirty Six only.

for KIRAN ELECTRICAL ENTERPRISES

Authorised Signatory

Company's vat TIN : 29711103821
Company's PAN :
DECLARATION:

We declare that the invoice shows the actual price of the Goods described and that all particulars are true and correct.

TAX INVOICE

Kiran Electrical Enterprises # 6, Opp. ITI Layout, Vijanapura, Bangalore - 560 016	Invoice No.:19	e-Sugam No. 126846902 99	Dated: 01/05/2014
	Delivery Note		Mode/Terms of Payment
	Supplier's Ref.		Other Reference(s)
Consignee Venkateshwara Electricals No.63,Venkatadri Nilaya, 19 th Main,Muneshwara Block Avalahalli,Bangalore 560 026 TIN : 29800350130	Buyer's Order No.		Dated 01/05/2014
	Despatch Document No.		Dated
	Despatched through		Destination
Delivery Address : **Work site at:** Ph:9845695444			

Sl No.	Description of goods	Quantity	Rate	per	Amount
1	**HUL 25 SV/MH POT CA WG/IP66 04 With Choke and Lamp**	**50**	**2336**	**No**	**116,800**
	SUB TOTAL =				**116,800**
	output vat @ 14.5%				**16,936**
	GRAND TOTAL				**133,736**

Amount Chargeable (in words) : One Lackh Thirty Three Thousand Seven Hundred Thirty Six only.

for KIRAN ELECTRICAL ENTERPRISES

Authorised Signatory

Company's vat TIN : 29711103821
Company's PAN :
DECLARATION:

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TAX INVOICE

Kiran Electrical Enterprises #6, Opp. ITI Layout, . Vijanapura, Bangalore - 560 016	Invoice No.:56	e-Sugam No. 12857554162	Dated: 13/06/2014
	Delivery Note		Mode/Terms of Payment
	Supplier's Ref.		Other Reference(s)
Consignee Venkateshwara Electricals No.63,Venkatadri Nilaya, 19 th Main,Muneshwara Block Avalahalli,Bangalore 560 026 TIN : 29800350130	Buyer's Order No.		Dated 13/06/2014
	Despatch Document No.		Dated
	Despatched through		Destination
Delivery Address : **Work site at:** 9980276892 Ph:9845695444			

Sl No.	Description of goods	Quantity	Rate	per	Amount
1	**HUL 25 SV/MH POT CA WG/IP66 04 With Choke and Lamp**	**100**	2336	**No**	**233,600**
	SUB TOTAL =				**233,600**
	output vat @ 14.5%				**33,872**
	GRAND TOTAL				**267,472**

Amount Chargeable (in words) : Two Lackh Sixty Seven Thousand Four Hundred Seventy Two only.

for KIRAN ELECTRICAL ENTERPRISES

Authorised Signatory

Company's vat TIN : 29711103821
Company's PAN :
DECLARATION:

We declare that the invoice shows the actual price of the Goods described and that all particulars are true and correct.

TAX INVOICE

Kiran Electrical Enterprises # 6, Opp. ITI Layout, Vijanapura, Bangalore - 560 016	Invoice No.:46	e-Sugam No. 60897803848 / Dated: 02/06/2014
	Delivery Note	Mode/Terms of Payment
	Supplier's Ref.	Other Reference(s)
Consignee Venkateshwara Electricals No.63,Venkatadri Nilaya, 19 th Main,Muneshwara Block Avalahalli,Bangalore 560 026 TIN : 29800350130	Buyer's Order No.	Dated 02/06/2014
	Despatch Document No.	Dated
	Despatched through	Destination
Delivery Address : **Work site at:** 9980276892 Ph:9845695444		

No.	Description of goods	Quantity	Rate	per	Amount
1	**HUL 25 SV/MH POT CA WG/IP66 04 With Choke and Lamp**	**150**	**2336**	**No**	**350,400**
	SUB TOTAL =				**350,400**
	output vat @ 14.5%				**50,808**
	GRAND TOTAL				**401,208**

Amount Chargeable (in words) : Four Lackh One Thousand Two Hundred Eight only.

for KIRAN ELECTRICAL ENTERPRISES

Authorised Signatory

Company's vat TIN : 29711103821
Company's PAN :
DECLARATION:

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TAX INVOICE

Kiran Electrical Enterprises # 6, Opp. ITI Layout, Vijanapura, Bangalore - 560 016	Invoice No.:42	e-Sugam No. 60177667158	Dated: 28/05/2014
	Delivery Note	Mode/Terms of Payment	
	Supplier's Ref.	Other Reference(s)	
Consignee Venkateshwara Electricals No.63,Venkatadri Nilaya, 19 th Main,Muneshwara Block Avalahalli,Bangalore 560 026 TIN : 29800350130	Buyer's Order No.	Dated 28/05/2014	
	Despatch Document No	Dated	
	Despatched through	Destination	
Delivery Address : **Work site at:** Ph:9845695444			

Sl No.	Description of goods	Quantity	Rate	per	Amount
1	**HUL 25 SV/MH POT CA WG/IP66 04 With Choke and Lamp**	100	2336	No	233,600
	SUB TOTAL =				233,600
	output vat @14.5%				33,872
	GRAND TOTAL				267,472

Amount Chargeable (in words) : One Lackh Sixty Seven Thousand Four Hundred Seventy Two only.

for KIRAN ELECTRICAL ENTERPRISES

Authorised Signatory

Company's vat TIN : 29711103821
Company's PAN :
DECLARATION:

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TAX INVOICE

Kiran Electrical Enterprises
6, Opp. ITI Layout,
Vijanapura,
Bangalore - 560 016

Invoice No.:22	e-Sugam No. 123747741377	Dated: 02/05/2014
Delivery Note		Mode/Terms of Payment
Supplier's Ref.		Other Reference(s)
Buyer's Order No.		Dated 02/05/2014
Despatch Document No.		Dated
Despatched through		Destination

Consignee
Venkateshwara Electricals
No.63,Venkatadri Nilaya,
19 th Main,Muneshwara Block
Avalahalli,Bangalore 560 026
TIN : 29800350130

Delivery Address :

Work site at:

Ph:9845695444

Sl No.	Description of goods	Quantity	Rate	per	Amount
1	**HUL 25 SV/MH POT CA WG/IP66 04 With Choke and Lamp**	**200**	**2336**	**No**	**467,200**
	SUB TOTAL =				**467,200**
	output vat @ 14.5%				**67,744**
	GRAND TOTAL				**534,944**

Amount Chargeable (In words) : Five Lackh Thirty Four Thousand Nine Hundred Ninety Four only.

for KIRAN ELECTRICAL ENTERPRISES

Authorised Signatory

Company's vat TIN : 29711103821
Company's PAN :
DECLARATION:

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TAX INVOICE

Kiran Electrical Enterprises
6, Opp. ITI Layout,
Vijanapura,
Bangalore - 560 016

Invoice No.:19	e-Sugam No. 126846962 99	Dated: 01/05/2014
Delivery Note		Mode/Terms of Payment
Supplier's Ref.		Other Reference(s)
Buyer's Order No.		Dated 01/05/2014
Despatch Document No.		Dated
Despatched through		Destination

Consignee
Venkateshwara Electricals
No.63,Venkatadri Nilaya,
19 th Main,Muneshwara Block
Avalahalli,Bangalore 560 026
TIN : 29800350130

Delivery Address :

Work site at:

Ph:9845695444

Sl No.	Description of goods	Quantity	Rate	per	Amount
1	**HUL 25 SV/MH POT CA WG/IP66 04 With Choke and Lamp**	**50**	**2336**	**No**	**116,800**
	SUB TOTAL =				**116,800**
	output vat @ 14.5%				**16,936**
	GRAND TOTAL				**133,736**

Amount Chargeable (in words) : One Lackh Thirty Three Thousand Seven Hundred Thirty Six only.

for KIRAN ELECTRICAL ENTERPRISES

Authorised Signatory

Company's vat TIN : 29711103821
Company's PAN :
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